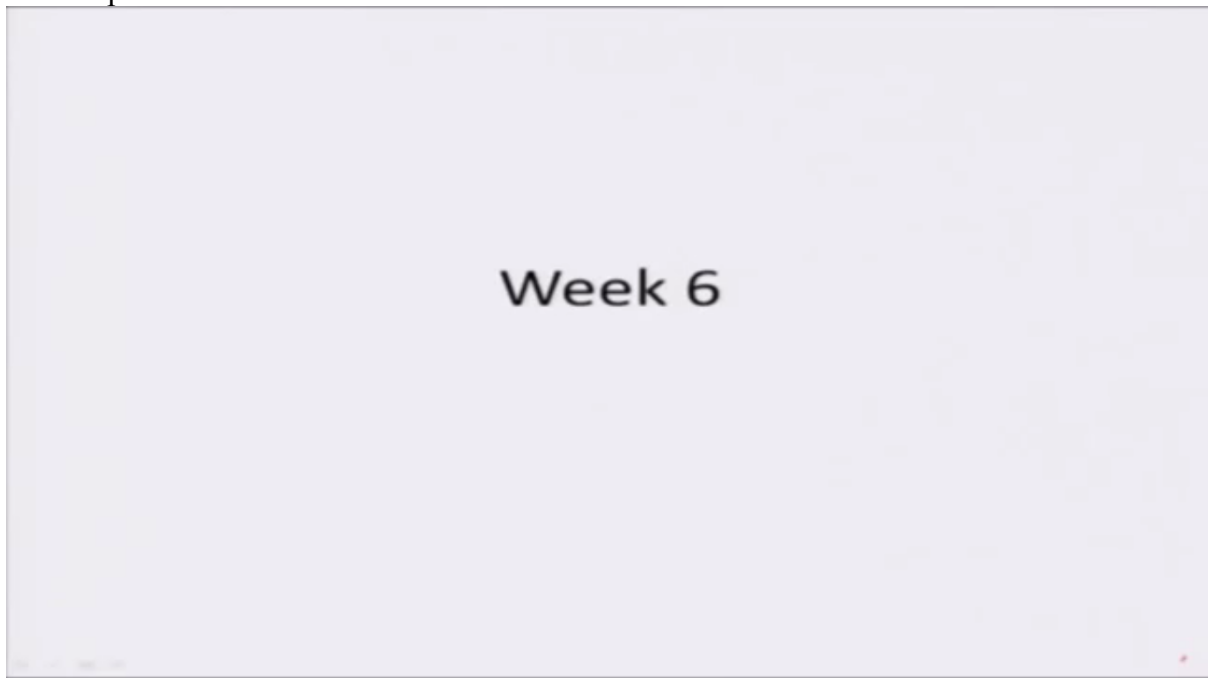


Highlights Week-6

Prabhakar TV  
IIT Kanpur



So welcome to Week 6.

(Refer Slide Time 00:06)

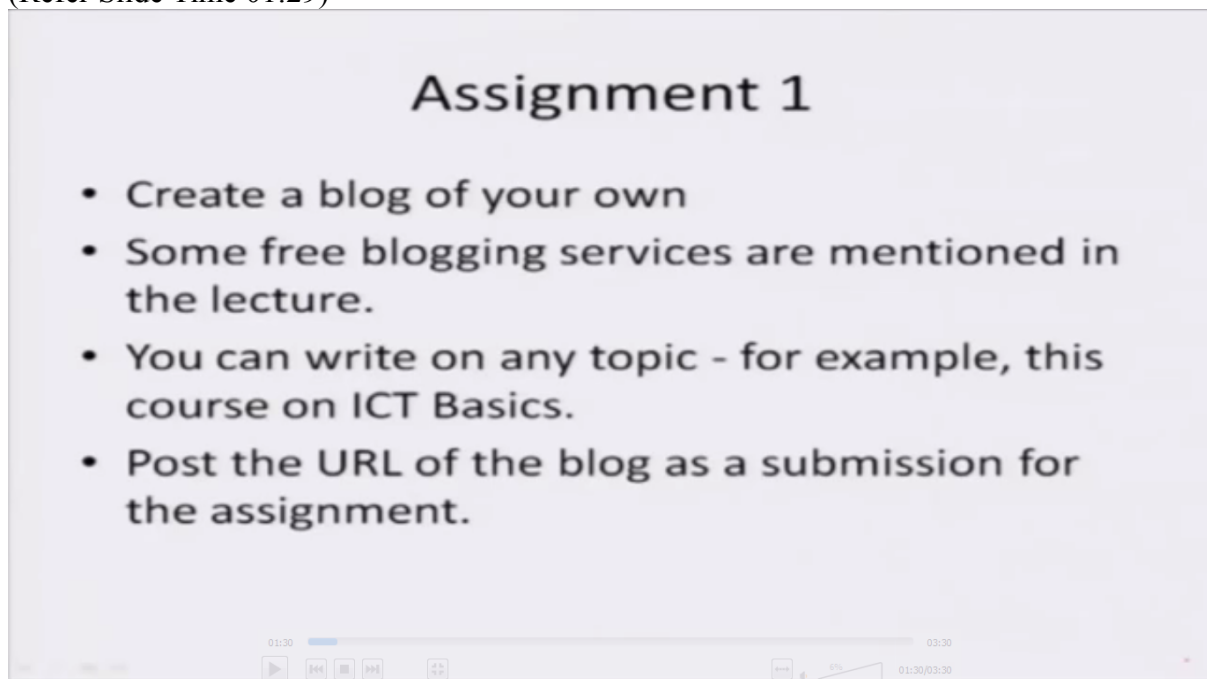


What do we have here? Two topics. One is about cloud computing. In actual practice, when you want to actually deploy a system, an application, you may want to put it on the cloud, not host it on a server in your premises. That's the modern trend at least. It has large number of advantages and this set of three lectures by Dr. Balvinder Sodi will tell you about what is cloud computing, how many different ways you can deploy your application in the cloud. He

will also demonstrate how to do it on one particular cloud service provider called Amazon Web Services.

Then finally we have one lecture on geographical information systems by Dr. Balaji. Now GIS are at the pinnacle of application of these technologies. You can actually look at a map, let's say the map of a district or a state and see what is the soil distribution, what is the outbreak of a particular pest, how is it moving. So these kinds of maps and -- can be used for monitoring, for planning and so on. So Dr. Balaji will tell you about what is the GIS and how to use them.

(Refer Slide Time 01:29)



## Assignment 1

- Create a blog of your own
- Some free blogging services are mentioned in the lecture.
- You can write on any topic - for example, this course on ICT Basics.
- Post the URL of the blog as a submission for the assignment.

01:30 03:30  
01:30/03:30

And then finally we have two assignments. These are very interesting assignments. These are on the social networking that we have learned last week.

So the first assignment is you have to create a blog of your own. Go to one of the blogger sites, free blogging services that have been talked off in the lecture on blogs and create your own blog. You can write on anything, any topic of your interest.

For example, you can write on the course that you are doing, the ICT basics course and then the -- what you need to submit is the URL of the blog.

(Refer Slide Time 02:04)

## Assignment 2

- Tomato Farmer.
- Leaves have spots - small, circular to angular, isolated, scattered and pale brown to black in color. Spots surrounded by a narrow chlorotic zone in some cases. Some of them also have brown lesions near the stem base. Some plants are completely defoliated.
- Find out the disease using Social Networks – Facebook or Twitter. NOT Google.
- Make posts on Facebook or Twitter
- You need to submit a record of the conversations you had on this.



The next assignment is even more interesting. Let's say you are a tomato farmer and then you go one day into your field and find there are problems. There are the leaves seems to have some spots. They are small and circular to angular and they are here and there. There is a picture here which talks about it.

In some cases the plant is completely defoliated. There are no leaves and so on. Now you need to find out what is this disease and how do I deal with it? And you want to use the social networking platforms to figure out. You want to get advice from your friends and colleagues on the network. You are going to use Facebook or Twitter for this. So create accounts if you don't have. Post your problem on Facebook or tweet, and then get your friends to answer and help, and see what the experience is and how it works out.

So the submission for this is your conversation that you had, the series of posts that have been posted and answered and so on. That is the kind of document you can create and submit. This would be very interesting. You will learn all about how interactions happen on Facebook. Have fun.

(Refer Slide Time 03:28)

***Have Fun***